

Listing of the claims:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently amended) ~~Apparatus as defined in claim 4~~ In a supported shear of the type which shears tube stock by lateral displacement of adjacent lengths of stock along a shear plane extending orthogonally through the stock:

a mandrel to be placed within the stock;

stationary tooling for receiving and holding said stock;

movable tooling adjacent the stationary tooling for receiving said stock;

and

means including first and second hydraulic cylinders for alternately

driving said movable tooling in opposite directions through an

orbital path relative to the stationary tooling;

said means for driving further comprising a pinion connected to said

movable tooling;

a first rack engaged with the pinion and mounted for linear translation to

rotate said pinion in a first direction; and

a second rack engaged with the pinion and mounted for linear translation

to rotate said pinion in a second direction;

wherein said apparatus further comprises power means for causing

simultaneous linear translation of said first and second racks in

opposite directions, said apparatus further including means for

varying the power level of said hydraulic power means during

translation of said rack.

6. (Currently amended) ~~Apparatus as defined in claim 3~~ In a supported shear of the type which shears tube stock by lateral displacement of adjacent lengths of stock along a shear plane extending orthogonally through the stock:

a mandrel to be placed within the stock;

stationary tooling for receiving and holding said stock;

movable tooling adjacent the stationary tooling for receiving said stock;

and

means including first and second hydraulic cylinders for alternately

driving said movable tooling in opposite directions through an

orbital path relative to the stationary tooling;

a first rack engaged with the pinion and mounted for linear translation to

rotate said pinion in a first direction; and

a second rack engaged with the pinion and mounted for linear translation

to rotate said pinion in a second direction;

wherein the total linear displacement of said first rack is at least

approximately equal to one revolution of said drive shaft.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)